HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. __10012380 -1

Confirmation No.: 9330

Examiner: Thang H. Ho

Group Art Unit: 2186

IN THE

UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Kenneth Mark Wilson et al.

Application No.: 10/044364

Filing Date:

Jan 11, 2002

Title:

Jan 11, 2002

MANAGING LATENCIES IN ACCESSING MEMORY OF COMPUTER SYSTEMS

JUN 0 1 2004

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Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

JUN 0 4 2004

Technology Center 2100

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

() under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

(X) under 37 CFR 1.97 (c) together with either a:

(X) Statement under 37 CFR 1.97(e), or

() a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

() under 37 CFR 1.97 (d) together with a:

() Statement under 37 CFR 1.97(e)(1) or (2), and

() a \$180.00 fee set forth in 37 CFR 1.17(p).

(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: May 25, 2004

OR

() I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number______ on

Typed Name:Arla Van Limburg

Number of pages:

Signature: Ma Son &

Respectfully submitted,

Kenneth Mark Wilson et al.

Tuan V. Ngo

Attorney/Agent for Applicant(s)

Reg. No. 44,259

Date: May 25, 2004

Telephone No.: 408-447-8133

Intellectual Property Administration P. O. Box 272400





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STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- () Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- (X) No item of information contained in the Information Disclosure Statement
 - -- was cited in a communication from a foreign patent office in a counterpart foreign application, and
 - -- to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Kenneth Mark Wilson, et al.

Attorney/Agent for Applicant(s)

Reg. No. 44,259

Date: May 25, 2004

Telephone No.: (408) 447-8133

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Sheet 1 of 1

FORM PTO-1449	ATTY. DOCKET NO.		CONFIRMATION NO	
ST OF PATENTS AND PUBLICATIONS FOR	10012380-1 APPLICANT	10/044,364	9330	
JUN 0 1 2004 APPLICANT'S INFORMATION DISCLOSURE	Kenneth Mark Wilson, et al.			
<i>į</i> įį	FILING DATE	GROUP		
(Use several sheets if necessary)	01/11/2002	2186		

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
_	1A	US-6,418,510	07-2002	Lamberts, Bernd	
	1B	US-6,049,867	04-2000	Eickemeyer, et al.	
-	1C	US-5,784,582	07-1998	Hughes, John H.	RECEIVED
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FOREIGN PATENT DOCUMENTS

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	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L					
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1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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Rev 05/04 (PTO1449)